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Kikuchi et al.

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(54) **STEREOSCOPIC ENDOSCOPE DEVICE HAVING MECHANISM THAT CHANGES AN ANGLE BETWEEN OPTICAL AXES OF TWO IMAGING SENSORS**

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(57) **ABSTRACT**

An appropriate stereoscopic image of a subject is readily acquired. Provided is a stereoscopic endoscope device including two image capture elements spaced apart from each other and disposed at a distal end of an insertion section to be inserted into a subject; an angle changing mechanism that changes a relative angle between optical axes of the image capture elements; a distance sensor that detects the distance from the image capture elements to the subject; and a controller that controls the angle changing mechanism on the basis of the distance detected by the distance sensor.

13 Claims, 22 Drawing Sheets